

VITAGEL WA 10

OPTICAL FIBRE CABLE FILLING/FLOODING COMPOUND

PRODUCT DISCRPTION

Vitigel WA 10 has been developed for applications in using pressure filling at ambient temperatures. Its soft thixotropic nature allows for stable processing and controlled overfeed of optical fibers into the cable. It is suitable for performance from temperature range -40°C to +85° C. It is water absorbing gel which blocks absorbed water.

Sr.No.	Properties	Unit	Method	Specification	Typical Data
1	Appearance	-	Visual	Thixotropic Gel	Thixotropic Gel
2	Working temperature	°C	-	- 40 to +85	- 40 to +85
3	Dropping Point	°C	ASTM D 566	>150	177
4	Cone Penetration a) 25 °C b) – 40 °C	dmm	ASTM D-937	>350 >220	398 238
5	Oil Separation @150°C 24 hrs	%	FTM 791C	<0.8	Nil
6	Volatiles loss@ 150°C 24 hrs.	%	FTM 791C	<1.0	0.012
7	Flash Point	°C	ASTM D-92	>200	235
8	Density@ 20°C	g/cm3	ASTM D - 1475	0.8-0.9	0.8488
9	Water absorption, ratio (15min encapsulation)	-	In house	1:10	1:10

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An ISO 9001:2015 & ISO 14001:2015, ISO 45001:2018 certified company.